"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

LAVRINENKO, V.F., kand.tekhn.nauk; IVANOV, Yu.A.; KIRICHENKO, G.S.; ZINCHEVSKIY, N.P.; KOZUB, F.S.; PASHCHENKO, A.P.

Working inclined seams. Gor. zhur. no.7:33-36 Jl '62. (MIRA 15:7)

1. Krivorozhskiy gornorudnyy institut (for Lavrinenko, Ivanov). 2. Institut gornogo dela imeni Skochinskogo (for Kirichenko). 3. Trest Leninruda (for Zinchevskiy). 4. Rudnik imeni Libknekhta, Krivoy Rog (for Kozub, Pashchenko).

(Krivoy Rog Basin--Iron mines and mining)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

MALAKHOV, G.M., prof., doktor tekhn. nauk; TITOV, V.D., kand. tekhn. nauk; ZINCHEVSKIY, N.P.; KOZUB, F.S.

Working a deposit in the Leninâ mine with 150m.-high levels. Gor. zhur. no. 12:3-10 D '65. (MIRA 18:12)

1. Krivorozhskiy gornorudnyy institut (for Malakhov, Titov).
2. Glavnyy inzhener tresta Leninruda (for Zinchevskiy).
3. Upravlyayushchiy rudoupravleniyem imeni Ordzhonikidze (for Kozub).

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUB, F.S.; NIKITIN, I.P., gornyy inzh.

Use of hydraulic GS-type jacks for mine retimbering. Met. i gornorud. prom. no.2:73-75 Mr-Ap '62. (MIRA 15:11)

1. Glavnyy inzh. Rudoupravleniya im. K.Libknekhta (for Kozub). 2. Krivorozhskiy filial Instituta gornogo dela AN UkrSSR (for Nikitin).
(Mine timbering) (Hydraulic jacks)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUB, G.M.; RUSOV, M.T.; VLASENKO, V.M.

Electronic state of catalysts during adsorption and catalysis. Part 1: Temperature dependence of the electric conductivity and type of conductivity of catalysist in the synthesis of isobutyl alcohol. Kin. i kat. 2:240-244 Mr-Ap '61. (MIRA 14:6)

1. Institut fizicheskoy khimii imeni L. V. Pisarzhevskogo AN USSR, Kiyev.
(Catalysts--Electric properties)
(Isobutyl alcohol)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

RUSOV, M.T.; KOZUB, G.M. [Kozub, H.M.]; VLASENKO, V.M.

Studying the mechanism of catalytic synthesis of methyl alcohol by the change of the work function. Dop.AN URSR no.7:935-937 '61. (MIRA 14:8)

1. Institut fizicheskoy khimii AN USSR. Predstavleno akademikom AN USSR A.I.Brodskim [Brods'kyi, O.I.].
(Methanol) (Catalysis)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUB, G.M.; BUSOV, M.I.; VLASENKO, V.M.

Electronic state of catalysts in adsorption and catalysis. Part 3: Mechanism of hydrogenation of carbon dioxide on a nickel catalyst. Kin. i kat. 6 no.3:556-558 My-Je '65. (MIRA 18:10)

1. Institut fizicheskoy khimii imeni Pisarzhevskogo AN UkrSSR.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUB, G.M.; RUSOV, M.T.; VLASENKO, V.M.

Electronic states of catalysts in adsorption and catalysis. Part 2: Mechanism of carbon monoxide hydrogenation over a nickel catalyst. Kin. i kat. 6 no.2:244-249 Mr-Ap '65. (MIRA 18:7)

1. Institut fizicheskoy khimii imeni Pisarzhevskogo AN UkrSSR.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

BIASCHKE, Stanislaw, mgr inz.; KOZUB, Jozef, mgr inz.

Operation technology of the Chanas type sand concentrator.
Wiadom gorn 15 no.3-4 78-83 '64

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

SKIRLO, Henryk, inz.; KOZUB, Jozef, mgr. inz.; SOWIK, Jan, inz.

Bent bar screens and their application in coal washeries.
Przegl gorn 18 no.5:293-296 My '62.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUB, M.

Economic accountability at the production sections of the Aydyrlinskiy Grain Receiving Station. Muk.-elev. prom. 29 no.11:7-9 N '63. (MIRA 17:2)

1. Direktor Orenburgskogo khlebopriyemnogo punkta.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUB, M.; BRUDNAYA, A., kand. sel'skokhoz. nauk

Grain disinfection by methyl bromide at reduced temperature. Muk.-elev. prom. 30 no.3:20-21 Mr '64. (MIRA 17:4)

1. Direktor Orenburgskogo khlebopriyemnogo punkta (for Kozub).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov yego pererabotki (for Brudnaya).

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

BELOKON', M.Ye.; INOZEMTSEV, G.B.; KOZYRINA, A.P.; VOZNYUK, V.S.; OSTIYAN, Z.Yu.; KOZUB, M.M.; MAN'KO, Ya.V.

Electric apparatus for chair varnishing. Der. prom. 12 no.9: 11-12 S '63. (MIRA 16:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki drevesiny (for Belokon', Inozemtsev, Kozyrina, Voznyuk).
2. Irshavskiy mebel'nyy kombinat (for Ostiyan, Kozub, Man'ko).

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUB, N.N.

Technique of plastic reconstructions. Arkh. anat., gist. i embr. 48 no.5:99-101 My '65. (MIRA 19:1)

1. Kafedra normal'noy anatomii (zav. - doktor med. nauk prof. N.G. Turkevich) Chernovitskogo meditsinskogo instituta. Submitted December 25, 1963.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUB, N.N.

Technique of preparing plaster cast models based on negative reconstruction. Arkh. anat., gist. i embr. 48 no.2:77-78 F '65. (MIRA 18:8)

1. Kafedra normal'noy anatomii (zav. - prof. N.G.Turkevich) Chernovitskogo meditsinskogo instituta.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

SUKONNIK, M.A.; KOGUB, V.N.; RABINOVICH, G.B.; TOVAROVSKIY, I.G.; KAMENEV, R.D.

Optimal rate of blast furnace smelting and the ore load. Met. i gornorud. prom. no.5:6-8 S-O '64. (MIRA 18:7)

1. Krivorozhskiy metallurgicheskiy zavod.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

TOVAROVSKIY, I.G.; SUKONNIK, M.A.; KAMENEV, R.D.; KOZUB, V.N.; RABINOVICH, G.B.

Limits of forcing blast furnace smelting. Metallurg 9 no.5:5-9 My '64. (MIRA 17:8)

1. Krivorozhskiy metallurgicheskiy zavod.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

K[illegible], Yu.

Cog wheel teeth are knurled. Znan. ta [illegible]sia no.11:19 N '61.
(MIRA 14:11)

(Gearing)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

S/526/62/000/024/003/013
D234/D308

AUTHORS: Zozulya, M.V., Khavin, O.O. and Kozub, Yu.I.

TITLE: Composition diagrams of heat exchangers consisting of longitudinally ribbed pipes

SOURCE: Akademiya nauk Ukrayins'koyi RSR. Instytut teploenerhetyky. Zbirnyk prats', no. 24, 1962. Teploobmin ta hidrodynamika, 24-32

TEXT: The authors give several diagrams of heat exchangers, classified into types with one or two pipe racks and with collector outlet of the heat carrier. Versions with one rack require U-shaped bends in a non-ribbed section of the pipes. Results of design of 3 different versions are tabulated and compared with the parameters of an ordinary smooth pipe heat exchanger, showing that the former are more advantageous. There are 7 figures and 1 table.

Card 1/1

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

IWANCIW, Eugeniusz, inz.; KOZUB, Wladyslaw

Forms of cooperation of scientists, engineers, technicians, and workers in Krakow Voivodeship. Przegl mech 21 no.9/10:314-315. 10-25 My '62.

1. Przewodniczacy Wojewodzkiego Komitetu Planowania Naczelnej Organizacji Technicznej, Krakow (for Iwanciw) Przewodniczacy Wojewodzkiej Komisji Zwiazkow Zawodowych, Krakow (for Kozub).

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

ZOZULYA, N.V. [Zozulia, M.V.]; KHAVIN, A.A. [Khavin, O.O.]; KOZUB, Yu.I.

Layout diagrams of heat exchangers made from longitudinally finned tubes. Zbir. prats' Inst. tepl. AN URSR no.24:24-32 '62. (MIRA 16:3)
(Heat exchangers)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBEK, Vladimir

Handling of foreign cars. Zel dop tech 12 no.9:237-238 '64.

1. Operations Department, Usti nad Labem.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBENKO, A.I.

Structural elements of the Northern Caucasian Upland. Trudy MGRI 39:19-21 '63. (MIRA 16:10)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBENKO, Viktor Alekseyevich; LERNER, B.I., retsenzent; PR[illegible]KHIN, I.M., retsenzent; GRINER, A.S., otv. red. [decease

[Analysis of the economic operations of a coal mine] Analiz khoziaistvennoi deiatel'nosti ugol'noi shakhty. Moskva, Izd-vo "Nedra," 1964. 211 p. (MIRA 17:7)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBENKO, Viktor Alekseyevich; LERNER, B.I., retsenzent; STEPUN, A.O., otv.red.; GOLUBYATNIKOVA, G.S., red.izd-va; PROZOROVSKAYA, V.L., tekhn.red.; BOLDYREVA, Z.A., tekhn.red.

[Planning in coal mines] Planirovanie na ugol'noi shakhte. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 303 p. (MIRA 13:7)
(Coal mines and mining)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

1. KOZUBENKO, V. E.

2. USSR-(600)

4. Maize

7. Principal results of breeding work with corn at the Chernovtsy Experimental Station. Trudy UNDISOZ, No. 6, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

Kozubenko, V. Ye.

USSR/Cultivable Plants - Grains. N-2

Abs Jour : Ref Zhur - Biol., No 3, 1958, 12149

Author : Kozubenko, V.Ye.

Inst :

Title : Corn Selection on the Chernovitsy Agricultural Testing Station.

Orig Pub : Kukuruza v 1955 g. No 6, Moskva, Sel'khozgiz, 1956, 57-60

Abstract : Corn seeds of the same variety may have different degrees of frost resistance. Thus, when seeds of the Zubovidnaya 3135 variety were germinated at a temperature of 8-9°, 14 out of 100 ears did not germinate at all, and the seeds of the others had 1-70% germination. On the Kuban' testing station it was determined that corn is well able to withstand air drought if there is sufficient moisture in the soil. Yields fall when the course of impregnation, filling out of the ears, and ripening is interrupted. In dry years the average weight of an ear of Minnesota 13 declined

Card 1/2

USSR/Cultivable Plants - Grains. N-2

Abs Jour: Ref Zhur - Biol., No 3, 1958, 12149

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R00082 300

from 149 grams to 57, and the absolute weight of the grain from 280 grams to 188. When selection was made for double-earedness, the sort Zubovidnaya 3135 was derived from the sort Minnesota 13. It has an increased number of ears per plant, especially in dry years. Short descriptions are given of the intersort hybrid, Bukovinskiy 1, and of the interline hybrids Bukovinskiy 2 and Bukovinskiy 3.

Card 2/2

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

M

USSR/Cultivated Plants. Cereals.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77615.

Author : Kozubenko, V. Ye.
Inst : Kharkov University.
Title : Direction and Methods of Corn Selection.

Orig Pub: V sb.: Vopr. metodiki selektsii pshenitsy i kukuruzy, Khar'kov. Un-t, 1957, 129-137.

Abstract: Results are described of the activities of the Chernovtsy Selection Station. The characteristic is given of a new variety Zubovidnaya 3135 which was picked by mass selection from Minnesota 13 and which exceeds the original variety in harvest yield by 12%. The characteristic is cited of the intervariety early-maturing hybrid Dukovin 1. The importance of the presence of a great number

Card : 1/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825300

USSR/Cultivated Plants. Cereals.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77615.

of branches on the panicle during selection of high-yielding plants is noted. It is recommended to carry out mass selection from the point of view of higher yield. 18 tables.

Card : 2/2

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

COUNTRY : USSR
CATEGORY : Cultivated Plants. Cereals. M

ABS. JOUR. : RZhBiol., No.14, 1958, No. 63345

AUTHOR : Kozubenko, V. E.
INST. : -
TITLE : Problems on the Selection of Corn.

ORIG. PUB. : Selektsiya i semenovodstvo, 1957, No. 3, 40-43

ABSTRACT : Hybrid varieties Bukovinskiy 1, Bukovinskiy 2 and Bukovinskiy 3 bred at Chernovitskaya experimental station surpass in yield the regionally adapted varieties. The quickly maturing variety Bukovinskiy 1 obtained by crossing varieties Voronezhskaya 76 x Zubovidnaya 3135 surpassed the standard in yield on an average by 16-30%. The variety strain hybrid Bukovinskiy 2 matures 8-10 days earlier than the original (Zubovidnaya 3135) and surpasses in yield Bukovinskiy 1 variety. It was obtained by means of crossing with an extremely quickly maturing line evolved by

Card: 1/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R00082[illegible]300

COUNTRY : USSR
CATEGORY : Cultivated Plants. Cereals. M

ABS. JOUR. : RZhBiol., No.14, 1958, No. 63345

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : inbreeding from Zubovidnaya 3135 variety. The variety strain hybrid Bukovinskiy 3 surpasses the variety in yield by 30-59% and is resistant to lower spring-summer temperatures. — I. N. Zaikina

Card: 2/2

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

M.

COUNTRY : USSR
CATEGORY : Cultivated Plants. Cereals.

ABS. JOUR. : RZhBiol., No. 23 1958 ,No. 104642

AUTHOR : Klimenko, V. G., Kozubenko, V. E.
INST. : Kishinev University
TITLE : Grain Proteins in Different Corn Hybrids.

ORIG. PUB. : Uch. zap. Kishinevsk. un-t, 1957, 28, 3-28

ABSTRACT : Results of an analysis of corn grain in 1955 at the breeding nurseries of Chernovitskaya Agricultural Station, for the content of total N, protein N, and its different forms. In the varieties analyzed, nitrogen fluctuates from 1.52 to 2.13%. In regard to the amount of total N, the grain of the hybrids was inferior to that of the parents. The low N content in the grain of F_1 is explained as follows: it produces greater vegetative mass and more grain than the parental forms and F_2; the amount of N present in the soil, is insufficient for the formation of a maximum

CARD: 1/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

COUNTRY :
CATEGORY :

M

ABS. JOUR. : RZhBiol., No. 1958, No. 104642

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : amount of proteins. As the author states, this aspect requires a thorough verification by experiment. The decrease in the amount of protein in the grain of hybrids in comparison with parental forms, is accompanied by an increase in the content of other components, first of all, that of starch. Bibliography of 15 titles. -- O. V. Yakushkina

CARD: 2/2

28

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBENKO, V. Ye.: Doc Agric Sci (diss) -- "The direction and methods of corn selection". Kiev, 1958. 29 pp (Min Agric Ukr SSR, Ukr Acad Agric Sci), 200 copies (KL, No 6, 1959, 137)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUHENKO, V., kand. sel'skokhoz. nauk

Great achievements of Soviet plant breeding. Nauka i pered. op. v sel'khoz. 9 no.4:36-38 Ap '59. (MIRA 12:6)

1.Ukrainskiy nauchno-issledovatel'skiy institut rasteniyevodstava, selektsii i genetiki.
(Corn breeding)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBENKO, V. Ye., doktor sel'skokhozyaystvennykh nauk (Khar'kov)

First generation hybrids. Nauka i zhizn' 28 no.5:23-26 My '61.
(MIRA 14:6)

(Hybridization, Vegetable)
(Corn breeding)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBENKO, V.Ye., doktor sel'skokhoz. nauk

Hybrids on a sterile basis. Priroda 54 no.6:67-69 Je '65.
(MIRA 18:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut rasteniyevodstva, selektsii i genetiki im. V.Ye. Yur'yeva, Khar'kov.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBENKO, V.Ye.;

Genetics and methods of selection. Genetika no.3:161-166
S '65. (MIRA 18:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut rasteniyevodstva selektsii i genetiki imeni V.Ya.Yur'yeva, Khar'kov. Submitted July 14, 1965.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBKIEWICZ, R.

STEIN, Wladyslaw; KOZUBKIEWICZ, Roman

Turner-Albright syndrome, associated with mongolism & blue sclera.
Neur. &c. polska 7 no.6:955-964 Nov-Dec 57.

1. Z Oddzialu chorob nerwowych i gabinetu pediatrycznego Centralnego Wojskowego Szpitala Klinicznego. Ordynator: plk. doc. Wl. Stein
Adres autorow: Lodz, Szpital Wojskowy, ul. Zeromskiego 113.

(TURNER SYNDROME, compl.
mongolism & blue sclera (Pol))
(MONGOLISM, compl.
Turner synd.& blue sclera (Pol))
(SCLERA, dis.
blue sclera with Turner synd. & mongolism (Pol))

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOV, A. S.

USSR/ Scientific Organization - Conference

Card 1/1 Pub. 86 - 10/36

Authors : Kozubov, A. S., and Parkhomenko, I. I.

Title : First conference of the Chinese Geographic Society

Periodical : Priroda 2, 78-80, Feb 1954

Abstract : Excerpts from Chinese scientific periodicals, "Kesyue Tunbao" (Scientific Herald) and "Dili Syuebao" (Geographical Herald), describing the minutes from the first national conference held by the Chinese Geographic Society in Peking on January 1953, are presented.

Institution : [illegible]

Submitted : [illegible]

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

ZOZULYA, V.N.; KOZUBOV, A.S.; LOSKUTOVA, R.F.; CHERNOZHUKOV, K.N.; YAROSHENKO, F.D.. Prinimal uchastiye: SITNYUK, S.N.. KOLOKOLOV, V.S., prof., red.

[Chinese-Russian dictionary of scientific and technical terms] Kitaisko-russkii slovar' nauchnykh i tekhnicheskikh terminov. 32000 terminov. Pod red. V.S.Kolokolova. Moskva, In-t nauchn. informatsii Akad.nauk SSSR, 1959. 568 p. (MIRA 13:2)
(Chinese language--Dictionaries--Russian)
(Science--Dictionaries)
(Technology--Dictionaries)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOV, G.M.

Creeping pine in the Khibiny mountains. Bot. zhur. 46 no.9:1304-1309 S '61. (MIRA 14:9)

1. Karel'skiy filial AN SSSR, Institut lesa, Petrozavodsk.
(Khibiny Mountains--Pine)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOV, G.M.

Red-anthered Scotch pine. Bot.zhur. 47 no.2:276-280 F '62.
(MIRA 15:3)

1. Karel'skiy filial AN SSSR, Petrozavodsk.
(Pine)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOV, G.M.

Accelerated and reliable method of determining the viability of pollen.
Bot. zhur. 50 no.6:811-813 Je '65. (MIRA 18:7)

1. Karel'skiy institut lesa, Petrozavodsk.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOV, G. M.

Dissertation defended in the Botanical Institute imeni V. L. Komarov for the academic degree of Candidate of Biological Sciences:

"Intraspecies Diversity of the Common Pine (Pinu silvestris Z.) in Karelia and in the Kola Peninsula."

Vestnik Akad Nauk No. 4, 1963, pp. 119-145

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 12980-63

ACCESSION NR: AP3000528 S/0020/63/150/002/0421/0423

44

AUTHOR: Kosubov, G. M.; Ganyushkina, L. G.

TITLE: The effect of ultra-sonic vibrations on seeds of the Scotch pine (Pinus silvestris L.) and Norway spruce (Picea excelsa Link.)

SOURCE: AN SSSR. Doklady, v. 150, no. 2, 1963, 421-423

TOPIC TAGS: ultra-sonic vibrations, Pinus silvestris, Picea excelsa, growth stimulation, pigment formation

ABSTRACT: Experiments were carried out on dry seeds and on those which had been soaked in water for a day. The "Moskip-GU-3" generator was used at a frequency of 750 kilocycles per second and potentials of 1.5, 3.0, and 3.5 kV. 100 seeds were placed in a glass of water and exposed for 1, 3, and 5 minutes. Twenty variations were set up. The seeds were planted in sand 5 days after exposure to ultra-sonic vibrations. Determinations of the wet and abolute dry weight of the part of seedlings underground after 20-25 days showed that the most rapid growth occurred in seeds exposed for 3 and 5 minutes to ultra-sonic vibrations at 3.5 kV. The absolute dry weight of pine seedlings was 69.0% higher than that of the controls and that of spruce from 137.0-142.0% higher. In other variants studied, growth was not stimulated so much and in some cases was even retarded.

Card 1/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 12980-63

ACCESSION NR: AP3000528

Chlorophyll and carotinoid analyses performed on the seedlings showed that the chlorophyll content of treated pine seedlings exceeded that of the controls by 11.1-34.5%, and that of treated spruce seedlings by 87.8-141.6%. "Treatment of the seeds with ultra-sonic vibrations was done at the Vsesoyuzny*y institut rasteniyevodstva (All-Soviet Institute for Plant Culture) by R. S. Limar' to whom the authors acknowledge their deep gratitude." Orig. art. has: 2 tables.

ASSOCIATION: Institut lesa Kerel'skogo filiala Akademii nauk SSSR (Karelian Branch, Academy of Sciences SSSR) Institute of Forestry

SUBMITTED: 08Oct62 DATE ACQ: 12Jun63 ENCL: 00

SUB CODE: 00 NO REF SOV: 010 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOV, G.M.; GANYUSHKINA, L.G.

Effect of ultrasonic waves on the seeds of trees and shrubs.
Bot. zhur. 49 no.7:957-965 Jl '64 (MIRA 17:8)

1. Institut lesa Karel'skogo filiana AN SSSR, Petrozavodsk.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOV, G.M.; SHAYDUROV, V.S.

Vertical zones of the Khibiny Mountains and the fluctuations of the upper forest boundary. Izv. AN SSSR. Ser. geog. no.3: 101-104 My-Je '65. (MIRA 18:6)

1. Karel'skiy institut lesa, Petrozavodsk.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOV, G.M.

Fluorescence-cytochemical method of studying nucleic acids in plants. Izv. AN SSSR. Ser. biol. no.5:756-759 S-O '65. (MIRA 18:9)

1. Karel'skiy institut lesa, Petrozavodsk.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOV, I. T., MITIAY, D. G.

Crab Fisheries

Experience of the Starocherkassaya Motorized Fishing Station in crab fishing.
Ryb. khoz. 29, no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

BOGDANOV, V.N., kand.tekhn.nauk; KOZUBOV, N.V., inzh.

Stresses due to hydrodynamic forces in the foundations of a dam with a seepage barrier. Nauch.dokl.vys.shkoly; stroi. no.4:83-86 '58. (MIRA 12:7)

1. Rekomendovana kafedroy stroitel'nogo proizvodstva, osnovaniy i fundamentov Leningradskogo instituta inzhenerov vodnogo transporta.
(Foundations) (Dams) (Strains and stresses)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

[illegible]OV, [illegible], Cand Tech Sci --(diss) "Solution of the one-dimensional problem of thickening and rolling of tenacious ~~interstitial grounds~~ based upon ~~[illegible]~~ calculation of the thermodynamic and mechanical properties of [illegible] interstitial moisture." [illegible], 19[illegible]. 14 pp ([illegible] of [illegible] River Fleet [illegible]. Len Inst of Water Transport), 150 copies (KL,3[illegible]-59, 103)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOV, N.V., inzh.

Solving the one-dimensional problem of soil compaction and swelling; based on a calculation of the thermodynamic and mechanical properties of interstitial moisture. Trudy LIVT no.26:126-134 '59. (MIRA 14:9)

(Soil mechanics)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

AUTHORS: Kozubova, L. A., Kulikov, M. V. SOV/2o-121-4-38/54

TITLE: New Data on the Permian Deposits of West Transbaikalia (Novyye dannyye o permskikh otlozheniyakh Zapadnogo Zabaykal'ya)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 4, pp. 712 - 715 (USSR)

ABSTRACT: In the survey of publications given by the authors (Refs 1,5) the position of the paleontologically characterized sediments of the area mentioned in the title is not clear. D. F. Maslennikov used his monography of brachiopodes and mollusks as a basis and classified them among the Lower Permian (1952). Referring to findings made by A.D.Shcheglov (1955), M.V. Kulikov claimed that these strata were formed in the Upper Permian. Yu.P.Den'gin (1956) separated Permian deposits for the first time. In order to be able to prove this deposit of Upper Permian in this area the first author carried out a detailed geological investigation in the lower course of the river Mergen'. The position of the Permian sediments on a washed out granite surface was determined by means of an average cross-section on a geological map (Fig 1); the

Card 1/3

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

fauna was stratawise collected. Its investigation made possible the separation between Lower and Upper Permian. Lower Permian : Total height 100 m. Upper Permian has a height of 100 m . The sediments characteristic of the lower part of the Lower Permian are apparently lacking. An exact lithological description of the above mentioned strata is given and the fossils found are mentioned. The origin of the Permian fauna of this area is interesting in connection with its geographical position. According to reference 3 the encroachment of the Permian Sea came from the Indo-Pacific area (Indo-Tikhookeanskaya Provintsiya). The sea penetrated into Transbaikalia, in the Dzhungariya and further until the Ural. These assumptions proved to be wrong. The authors proved that the composition of the Transbaikalian fauna is not related with the Permian fauna of the Northeast of the USSR. It is most probable that the migration of the fauna to Transbaikalia in the Permian started in the North, the Mongolo-Okhotskaya geosyncline (Mongolo-Okhotskaya geosinklinal') where it had developed and lead to a number of local species which are closely related to the species formed in the Permian of the Northeast.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

New Data on the Permian Deposits of West Transbaikalia SOV/20-121-4-38/54

There are 1 figure and 5 references, 5 of which are Soviet.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut (All-Union Scientific Research Institute of Geology)

PRESENTED: April 3, 1958, by S.I.Mironov, Member, Academy of Sciences, USSR

SUBMITTED: April 3, 1958

Card 3/3

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

TIKHOMIROV, N.I.; KOZUBOVA, L.A.; TIKHOMIROV, I.N.; KAZITSYN, Yu.V.; KHARKEVICH, D.S.; PANOV, Ye.N.; RUDAKOVA, Zh.N.; PAVLOVA, V.V.; ROZINOV, M.I.; ALEKSANDROV, G.V.; SHATKOV, G.A.; SOLOV'YEV, N.S.

[Intrusive complexes of Transbaikalia] Intruzivnye kompleksy Zabaikal'ia. [By] N.I.Tikhomirov i dr. Moskva, Izd-vo "Nedra," 1964. 214 p. (MIRA 17:7)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

MITROPOL'SKIY, Yu.A., akademik, otv. red.; BOGOLYUBOV, N.N., akademik, glav. red.; LUR'YE, A.I., red.; LYKOVA, O.B., kand. fiz.-matem. nauk, red.; NEMYTSKIY, V.V., prof., red.; PISARENKO, G.S., red.; POGREBYSSKIY, I.B., kand. fiz.-matem.nauk, red.; KORENBLYUM, B.I., doktor fiz.-matem.nauk, red.; KOZUBOVSKAYA, I.G., red.; LISOVETS, A.M., tekhn. red.

[Proceedings of the International Symposium on Nonlinear Oscillations] Trudy Mezhdunarodnogo simpoziuma po nelineinym kolebaniiam. Kiev, Izd-vo AN USSR. Vol.2.[Qualitative methods in the theory of nonlinear oscillations] Kachestvennye metody teorii nelineinykh kolebanii. 1963. 538 p. [Applications of the methods in the theory of nonlinear oscillations to problems in physics and technology] Prilozheniia metodov teorii nelineinykh kolebanii k zadacham fiziki i tekhniki. 1963. 513 p. (MIRA 17:1)

1. International Symposium on Nonlinear Oscillations, Kiev, 1961. 2. Akademiya nauk Ukr.SSR (for Mitropol'skiy). 3. Chlen-korrespondent AN SSSR (for Lur'ye). 4. Chlen-korrespondent AN Ukr.SSR (for Pisarenko).

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOVALENKO, Anatoliy Dmitriyevich; GRIGORENKO, Yaroslav Mikhaylovich; IL'IN, Leonid Alekseyevich; KOZUBOVSKAYA, I.G., red.; KADASHEVICH, O.A., tekhn. red.

[Theory of thin conic shells and its application to the manufacture of machinery] Teoriia tonkikh konicheskikh obolochek i ee prilozhenie v mashinostroenii. Kiev, Izd-vo AN USSR, 1963. 286 p. (MIRA 17:2)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 19555-65 EWT(1)/T-2/EPA(bb)-2

ACCESSION NR: AP4048133 S/0114/64/000/010/0017/0020

AUTHOR: Pusyrzevski, R. (Candidate of technical sciences); Yankovski, T. (Candidate of technical sciences); Kozubovski, R. (Engineer)

TITLE: Digital-computer analysis of the results of an investigation of a turbine-stage model

SOURCE: Energomashinostroyeniye, no. 10, 1964, 17-20

TOPIC TAGS: turbine model, turbine characteristics

ABSTRACT: Based on characteristics of short-blade turbine model stages, speed coefficients φ and ψ and also the outlet angles of stationary and rotating blade rows are calculated. A single-variable theory of the stage is employed. Experimental results obtained from testing two model stages with TN-2 stationary and T-1 and VTI-26 moving blade profiles are used for the calculations. The formulas involved and their use in computer programing are presented. For-

Card 1/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 19555-65
ACCESSION NR: AP4048333

lack of complete data on foil rows, only a rough comparison between them and the annular rows is made. Orig. art. has: 5 figures, 13 formulas, and 2 tables.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00

SUB CODE: PR, NP NO REF SOV: 003 OTHER: 003

Card 2/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, A.S.; PYATIGORSKIY, I.I.

The new RNA-65 automatic voltage regulator. Biul.tekh.-ekon. inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. 18 no.11:42-43 N '65. (MIRA 18:12)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 43953-66 EWT(m)/EWP(j)/EWP(k)/EWP(t)/ETI IJP(c) JD/WW/JW/HW/RM

ACC NR: AP6015025 (N) SOURCE CODE: UR/0041/66/018/003/0119/0124

41
B

AUTHOR: Karkuzashvili, N. N. (Kiev); Kozubovskaya, I. G. (Kiev)

ORG: none

TITLE: Determination of temperature stresses of an infinite strip for a given temperature at one of the edges 18

SOURCE: Ukrainskiy matematicheskiy zhurnal, v. 18, no. 3, 1966, 119-124

TOPIC TAGS: temperature stress, thermal conductivity, solid physical property

ABSTRACT: The authors investigate an infinite thin strip with a time-variable temperature which has one edge soldered while the other is thermally insulated. The width of the strip is given, the initial temperature is specified for all points of the strip, and there are no heat sources nor is there any heat exchange within the strip. The time dependence of the temperature is described by the heat conduction equation. The thermal stresses for a given temperature field and given boundary conditions are determined. The solution is specialized for the case when no external stresses are present. Orig. art. has: 27 formulas.

SUB CODE: 20/ SUBM DATE: 14Apr65/ ORIG REF: 003/ OTH REF: 001

Card 1/1 Blg

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]; MANDROVSKIY-SOKOLOV, B.Yu. [Mandrovs'kyi-Sokolov, B.IU.]

Abstract of Professor's O.Smith's lecture at the Seminar on Automatic Control in Kiev and his report to the first congress of the International Federation of Atuomatic Control in Moscow. Avtomatyka no. 5:72-77 '60. (MIRA 14:4)
(Automatic control) (Smith, O.)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

Mechanization of thought processes. Avtomatyka no.2:83-89 '61.
(MIRA 14:6)

(Cybernetics)
(Automatic control)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

S/102/61/000/003/005/007
D251/D302

AUTHOR: Kozubovs'kyy, S.F., (Kyyiv)

TITLE: Automation of a speed measuring system for a hot rolled strip by the correlation method

PERIODICAL: Avtomatyka, no. 3, 1961, 64 - 73

TEXT: The article describes work done in the Laboratoriya avtomatychnoho rehulyuvannya vyrobnychykh protsesiv Instytutu elektrotekhniky AN URSR (Laboratory of Automatic Regulation of Industrial Processes of the Electrotechnical Institute of the AS UkrSSR) on the automatic measurement of speed of a hot rolled strip as a mean of thickness control. A non-contact system based on the correlation method is described. (Fig.1) Two bright sharp light traces are projected on to the surface of the moving metal strip by means of two illuminators with linear heating threads which are arranged along the direction of the strip at a fixed distance 1 from each other. Variation in the metal surface causes variation in the brightness of the traces. Images of the traces are projected by the light-filters Φ_1 and Φ_2 (F_1 and F_2) on to the cathodes of two photo-multi-

Card 1/ 3

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

pliers $\Phi\Pi_1$ and $\Phi\Pi_2$ (FM_1 and FM_2) which transmit signals proportional to the brightness of the traces. Amplifiers 1 and 2 amplify these signals to values sufficient for the normal working of the correlation 4 - 5. The mutual correlation function is

$$A(\tau) = \frac{1}{2T} \int_{-T}^{+T} f(t)\, f(t-\tau)\, dt \qquad (1)$$

where $\tau = 1/v$ where l is in meters, v = velocity of strip (m/sec) and τ is in seconds. The author presents two variable time-delay circuits, one using valves and one reactor with magnetization. Instead of the correlation system (based on multiplication) described above, a differential circuit, based on subtraction may be used. Here the correlater is replaced by a comparator which subtracts the impulses which come from the two input channels from the next mean difference. Alternatively, an adaptive system with a second optimizing control loop using the second harmonic of the modulating signal may be used. The corresponding linear dynamic equations are derived, and the conditions of stability

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

Automation of a speed ....

for the system. Transients in the system are analyzed for the case of an instantaneous change in the speed of the metal strip, the solution being based on the integration method of O.M. Kryzhanivs'kyy (Ref. 8: Avtomatika i telemekhanika, no. 5, 1950) There are 9 figures and 8 Soviet-bloc references.

SUBMITTED: November 26, 1960

Captions to figure 1:

Scheme of automatic control of velocity of the strip by the correlation ("multiplication") method.

Card 3/4 3

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

DEKHTYARENKO, P.I. (Kiyev); KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.] (Kiyev)

Use of a correlation method for analyzing the static errors of an automatic system for measuring the speed of a rolling process. Avtomatyka no.5:42-48 '61. (MIRA 14:10)
(Rolling (Metalwork)) (Electronic measurements)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

Use of cross correlation in an adoptive control system; brief abstract of a report by D.Anderson, R.Buland, and D.Copper at the National Conference on Electronics held in Chicago in 1959. Avtomatyka no.5:83-89 '61. (MIRA 14:10)

(Automatic control)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F.

S/102/62/000/003/001/005
D234/D308

6.9200

AUTHORS: Dekhtyarenko, P.I. and Kozubovs'kyy, S.F. (Kiyev)

TITLE: Analysis of errors of relay correlation functions

PERIODICAL: Avtomatyka, no. 2, 1962, 3-15

TEXT: The authors investigate the deviations of the relay autocorrelation and mutual correlation functions (in which $f(t - \tau)$ has been replaced by sign $f_2(t - \tau)$) with respect to the ordinary correlation functions. The first part deals with the case of determined functions of time (sinusoidal and those consisting of a finite number of sinusoidal terms); expressions for the errors are deduced. Double relay correlation functions (having also sign f(t) instead of f*(t)) are introduced and expressions for their errors obtained. In the second part, the case of random time functions is studied by methods of theory of probability. There is a single-valued connection between the double relay and the ordinary (proportional) correlation function in the second case. There are 2 figures.

SUBMITTED: May 15, 1961

Card 1/1

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

DEKHTYARENKO, P.I. (Kiyev); KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.] (Kiyev); MELESHEV, A.M. [Mieliieshev, A.M.] (Kiyev); RAYKHMAN, S.R. (Kiyev)

Electronic differentiating network for automatic measurement of rolling speed. Avtomatyka no.2:63-68 '62. (MIRA 15:5)
(Pulse circuits) (Rolling mills) (Automatic control)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

DEKHTYARENKO, P.I. (Kiyev); KOZUL. /SKIY, S.F. [Kozubovs'kyi, S.F.] (Kiyev)

Analysis of the errors of relay correlation functions. Avtomatyka 7 no.3:3-15 '62. (MIRA 15:6)
(Information theory) (Automatic control)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

Analysis of perceptrons. Avtomatyka 7 no.3:91-97 '62. (MIRA 15:6)
(Perceptrons)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

"Pandemonium" a self-educating system. Avtomatyka 7 no.4:80-85 '62. (MIRA 15:8)
(Cybernetics) (Perceptrons) (Automatic control)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

Deciphering of a "genetic code." Avtomatyka 7 no.5:59-61 '62.
(MIRA 15:11)

(Cybernetics) (Information theory) (Gynecological research)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]; KREMENTULO, Yu.V. (Kiyev)

The Second All-Union Conference on the Theory of Invariance and Its Application in Automatic Control Systems held in Kiev during May 29,- June 1, 1962. Avtomatyka 7 no.5:70-73 '62. (MIRA 15:11)
(Kiev--Congresses) (Automatic control--Congresses)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

Work of American scientists in the field of automatic control.
Avtomatyka 7 no.5:74-77 '62. (MIRA 15:11)
(United States--Automatic control)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

A learning system using statistical decision functions. Avtomatyka 7 no.6:60-64 '62. (MIRA 16:1)
(United States--Automatic control--Congresses)
(United States--Cybernetics--Congresses)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F.; IMAS, R.L., red.izd-va; YAKHNIS, R.Yu., tekhn. red.

[Automatic correlation speedometers] Avtomaticheskie korkeliatsionnye izmeriteli skorosti. Kiev, Izd-vo Akad. nauk Ukrainskoi SSR, 1963. 76 p. (MIRA 16:7)
(Speedometers)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

Work of American scientists in the field of automatic control (a brief annotation of papers delivered at the Third Joint Conference on Automatic Control on June 27-29, 1962 in the U.S.A.). Avtomatyka 8 no.1:70-72 '63. (MIRA 16:3)
(United States--Automatic control)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

"General theory of amplitude quantization with applications to correlation determination" by D.G.Watts. Reviewed by S.F. Kozubovs'kyi. Avtomatyka 8 no.1:73-89 '63. (MIRA 16:3)
(Automatic control) (Watts, D.G.)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

SHKABARA, Ye.A. [Shkabara, K.O.]; KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

Conception of self-organization in cybernetics (review of G.Pask's book "An approach to cybernetics"). Avtomatyka 8 no.1:90-93 '63. (MIRA 16:3)

(Cybernetics) (Pask, G.)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

Sixth International Conference on the Use of Computers in Automatic Control (Ilmenau, German Democratic Republic). Avtomatyka 8 no.3:79 '63. (MIRA 16:7)
(Automatic control--Congresses)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

Self-teaching machine "SAKI." Avtomatyka 8 no.4:73-77 '63.
(MIRA 16:10)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.]

What the American scientists are working on in the field of automatic control (from the materials of the Fourth Joint Conference on Automatic Control held on June 18-21, 1963 in the U.S.A.). Avtomatyka 9 no.1:91-94 '64.
(MIRA 17:3)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

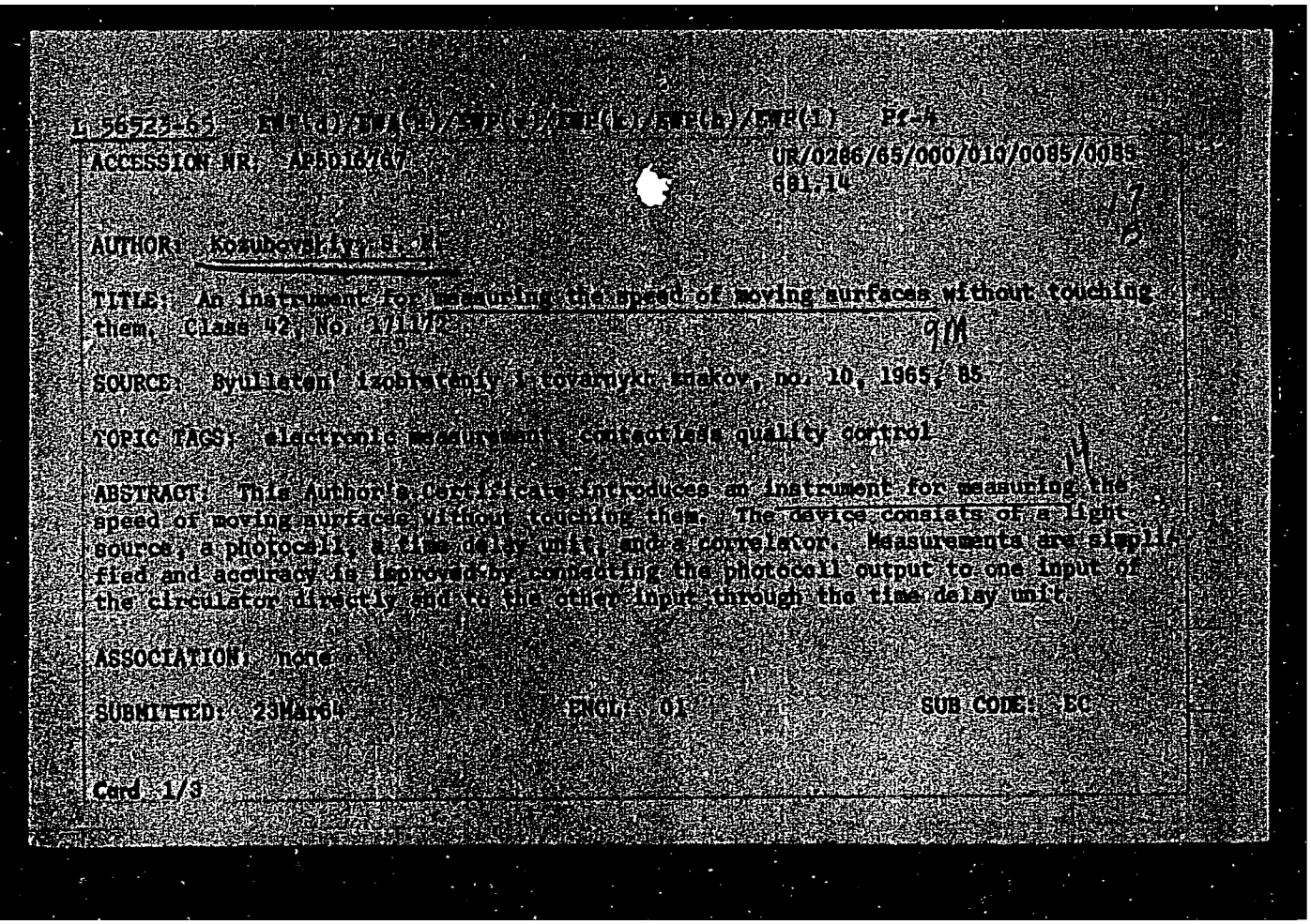
"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F.

Automation of a correlation technique in measuring rolling speed. Avtom. upr. i vych. tekh. no.6:306-331 '64. (MIRA 17:10)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930



L 56523-65 EWT(d)/EWA(h)/EWP(v)/EWP(t)/ETI/EWP(k)/EWP(b)/EWA(d)/EWP(l) PC-4
ACCESSION NR: AP5016767 UR/0286/65/000/010/0085/0085
681.14

AUTHOR: Kozubovskiy, S. V.

TITLE: An instrument for measuring the speed of moving surfaces without touching them. Class 42, No. 171172

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 10, 1965, 85

TOPIC TAGS: electronic measurement, contactless quality control

ABSTRACT: This Author's Certificate introduces an instrument for measuring the speed of moving surfaces without touching them. The device consists of a light source, a photocell, a time delay unit, and a correlator. Measurements are simplified and accuracy is improved by connecting the photocell output to one input of the circulator directly and to the other input through the time delay unit.

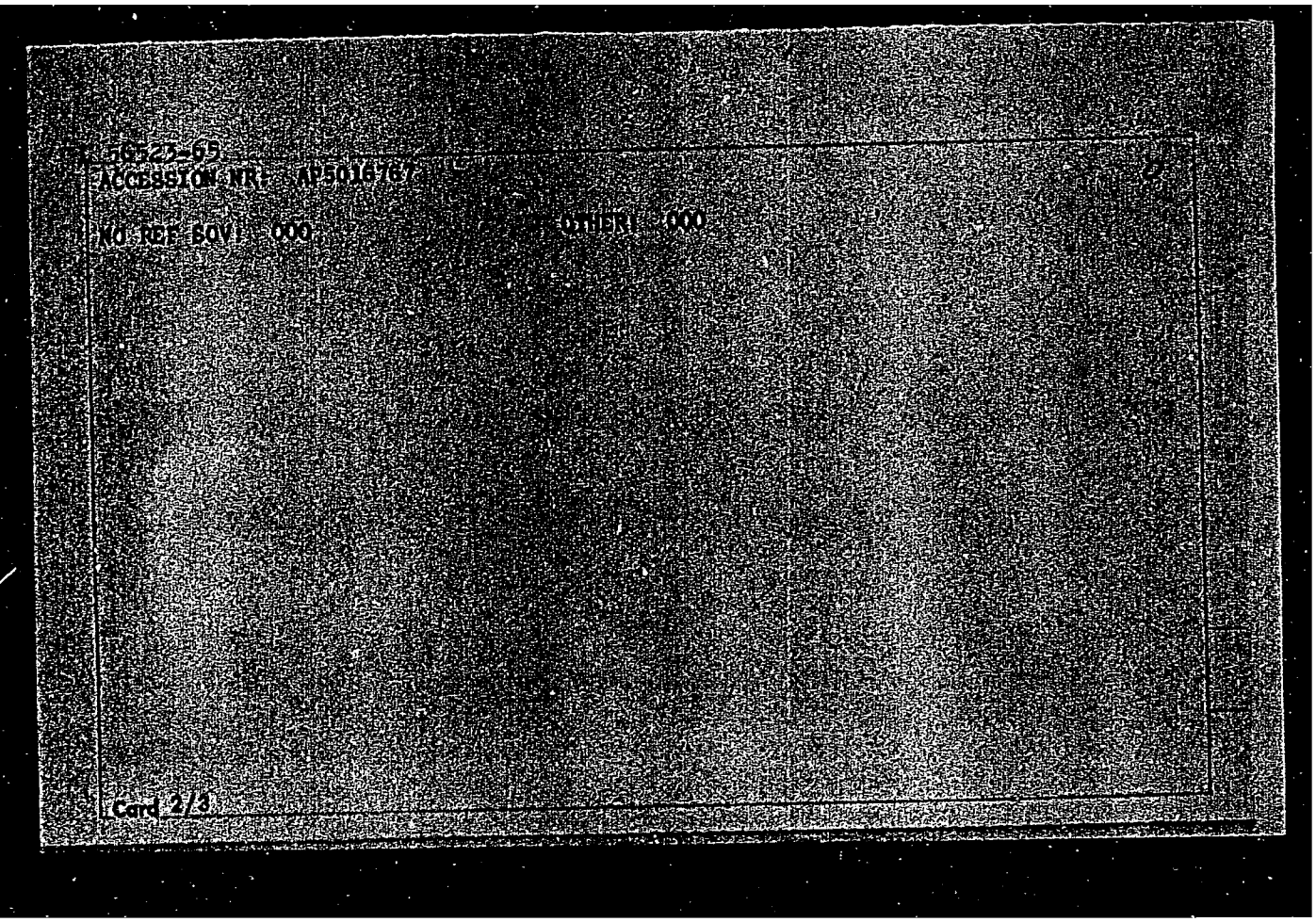
ASSOCIATION: none

SUBMITTED: 23Mar64 ENCL: 01 SUB CODE: EC

Card 1/3

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930



APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.] (Kiyev)

Autocorrelation and spectral methods for measuring speed of motion. Avtomatyka 10 no.4:31-36 '65. (MIRA 18:10)

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 02251-67 EWT(d)/T IJP(c)

ACC NR: AP6005849 SOURCE CODE: UR/0102/65/000/004/0031/0036

44
B

AUTHOR: Kozubovs'kyy, S. F.--Kozubovskiy, S. F. (Kiev)

ORG: none

TITLE: On autocorrelation and spectral methods of measurement

SOURCE: Avtomatyka, no. 4, 1965, 31-36

TOPIC TAGS: correlation function, motion mechanics, power spectrum, velocity measuring instrument

ABSTRACT: Several new methods of speed measurement using information taken from one point of a moving body are described. These methods use the speed dependence of the shape of the autocorrelation function and the power spectrum of a random waveform received from a moving surface. Many branches of technology require speed measurements without direct contact with a moving body. The mutual correlation method of velocity measurement is a compensation method and by means of it the motion of any point of the mutual correlation function along the x-axis may be used for velocity measurement. Such measurement requiring two (or three) sensors is sometimes practically complicated by structural demands allowing an insufficient measuring base. Autocorrelation has the following advantages: (1) only one sensor

Card 1/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 02251-67

ACC NR: AP6005849 O

is required, (2) there are no errors associated with measuring base length, and (3) large scale devices may be built. Devices with fixed delay of correlator input signal and with fixed ordinate level are described. All methods are based on the use of certain stationary signal dependencies of time and frequency ranges on velocity by tracking peak position along the x-axis (corresponding to mutual correlation function and spectral density) and autocorrelation methods and open spectral systems arising from the intersection of corresponding characteristics with straight lines parallel to the x or y axes. Similar methods may be used whenever a sensor can perceive motion. Orig. art. has: 4 figures and 4 formulas.

SUB CODE: 12,14/ SUBM DATE: 01Oct63/ ORIG REF: 006

Card 2/2 fdh

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 01033-67 GD

ACC NR: AT6017620 (N) SOURCE CODE: UR/0000/65/000/000/0342/0357

51
49
B+1

AUTHOR: Kozubovskiy, S. F.

ORG: none

TITLE: Extremal control schemes for the automation of correlated velocity meters

SOURCE: Vsesoyuznaya konferentsiya po teorii i praktike samonastraivayushchikhsya sistem, 1st, 1963. Samonastraivayushchiyesya sistemy (Adaptive control systems); trudy konferentsii. Moscow, Izd-vo Nauka, 1965, 342-357

TOPIC TAGS: velocity measuring instrument, self-adaptive control, data correlation

ABSTRACT: Various methods of extremal self-adjusting control of velocity measuring systems for moving bodies are described. The contactless measurement method is based on the automatic computation of the cross-correlation function of two reflected signals obtained from two points of the moving surface and on the determination of the time delay between the signals. The basic method of measurement and the closed control loop are illustrated in a block diagram. The two light signals, produced by filament lamps, are reflected from the surface and projected onto photoelements which produce electrical signals; these in turn, are amplified and fed into the input of a multiplier. One of the signals is delayed by a delay system which is controlled by the extremal control system. The correlation function of the two signals is obtained by in-

Card 1/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 01033-67
ACC NR: AT6017620

2

tegrating the output of the multiplier. It may be measured directly by an indicator and fed back to the extremal controlling system. If l is the distance between the two projected light signals, and v is the velocity of the moving body, the time delay of f_1 will be $\tau_T = l/v$ and at that time the correlation function $R(\tau)$ will have a maximum. The main function of the extremal control system is to regulate the delay device so that $R(\tau)$ is maximal or $\tau=\tau_T$. At that moment, the velocity is obtained directly from $v=l/\tau$. Various schemes for the extremal control system together with dynamic analysis and stability evaluation, using the Hurwitz criterion are proposed. A scheme deserving particular attention is the differential scheme with three photoelements. This scheme allows the system to reach the maximum region without search oscillations. Another scheme containing binary coincidence elements, thus simplifying the construction of the system, is proposed. V. I. Vasil'yev's and A. M. Bonch-Bruyevich's discussions of the work are appended to the article. Orig. art. has: 8 figures.

SUB CODE: 14,13/ SUBM DATE: 22Nov65/ ORIG REF: 017/ OTH REF: 001

awm
Card 2/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 02989-67 EWT(d)/EWP(1) IJP(c) BB/GG

ACC NR: AP6033625 SOURCE CODE: UR/0102/66/000/005/0063/0066

AUTHOR: Kozubovs'kyy, S. F. (Kiev); Khartebrot, H. (Kiev); Moroz, V. M. (Kiev)

ORG: none

47
B

TITLE: Digital readout 16

SOURCE: Avtomatyka, no. 5, 1966, 63-66

TOPIC TAGS: data readout, computer output unit, BINARY CODE

ABSTRACT: A simple and reliable four-digit readout unit has been developed. The unit includes a diode decoding matrix for translating binary-coded decimal signals into decimal code and MTKh-90 cold-cathode thyratrons for driving an IN-1 display tube and number memorizing. Power consumption is only 1 w per digit at the rated voltage of 380 ± 100 v. During testing the device operated reliably even at voltages of 220 v—600 v. Orig. art. has: 3 figures.

SUB CODE: 09/ SUBM DATE: 02Apr66/ ORIG REF: 010/ ATD PRESS: 5099

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

ACC NR: AP7008288 SOURCE CODE: UR/0102/67/000/001/0058/0068

AUTHOR: Kozubovs'kyy, S. F. (Kiev)--Kozubovskiy, S. F. (Kiev); Khartebrot, H. (Kiev)--Khartebrot, G. (Kiev)

ORG: none

TITLE: Controlled delay device for binary signal

SOURCE: Avtomatyka, no. 1, 1967, 58-68

TOPIC TAGS: delay circuit, pulse generator, shift register, signal processing

ABSTRACT: A contactless controlled delay device (CDD) for binary signals which uses a shift register and a clock-pulse generator with voltage-controlled variable pulse frequency is described. The device operates in the following manner: from the input of the device the applied continous signal is passed to the forming unit where it is quantisized in two equal signals which are converted to a binary signal. The binary signal is then passed through a shift register with a velocity which depends on the frequency of clock pulses and on the number of units in the register. The controlled delay device provides a wide range of time-delay variations (up to 1:2000) and good linearity of its characteristics. The circuits developed of the main units of the transistorized controlled-delay device

Card 1/2 UDC: none

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

ACC NR: AP7008288

are described in detail (shift register and clock-pulse generator with proportional as well as with inversely proportional frequency control). A polar plot of the frequency response of the developed device is given. Orig. art. has: 9 figures and 28 formuals. [GS]

SUB CODE: 09/ SUBM DATE: 8Sep66/ ORIG REF: 011/ OTH REF: 004

Card 2/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOWA, W.

"Sanitary Courses for Agricultural Workers. p. 21 (ZDROWIE) Vol. 5, No. 1/2, 1953, Warszawa, Poland

SO: Monthly List of East European Accessions L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 19589-63 BDS
ACCESSION NR: AP3006109 P/2521/62/000/11-/0031/0046

49
48

AUTHOR: Kozubowski, Ryszard (Gdansk)

TITLE: Experiments with model air turbine of the Institute of Axial Flow Machines of the Polish Academy of Sciences (Paper read at a scientific conference of that Institute in Gdansk on 20 Nov 1961)

SOURCE: Polska Akademia Nauk. Instytut Maszyn Przeplywowych. Prace, no. 11-12, 1962, 31-46

TOPIC TAGS: model air turbine, circumferential efficiency, axial compressor, production, turbine, air turbine

ABSTRACT: Tests have been made in the Institute of Axial-Flow Machines of the Polish Academy of Sciences in Gdansk on a model air turbine. The complex dependence of the circumferential efficiency of the turbine stage upon many design factors makes it impossible to determine this coefficient exactly by any of the known methods of computation. Hence one must rely on the results from model tests of stages. The Gdansk Institute since 1958 has made tests on an air turbine model of stages whose outer diameter is 450 mm. Putting into operation axial compressor SO9 with an output of about 5 kg/sec at a compression of about 2.5 has made it

Card 1/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

L 19589-63

ACCESSION NR: AP3006109

possible to test high-pressure and control stages on a natural scale (up to 1,000mm diameter). Problems of production, manufacturing time and prime cost of models for research are taken into account. The results from model tests of stages TN2/WT1, TN2/TI, TN2/T2a and TN2/T3 are an example. Substantial dependence of the circumferential efficiency upon the sizes of the radial clearances, the overlaps and the degree of supply exists. The results show how great a role from the viewpoint of the efficiency of a stage is played by the proper choice of the geometric relations between the stage elements. Original has 3 figures, 16 graphs, and 4 tables.

ASSOCIATION: Instytut Maszyn Przeplywowych PAN, Gdansk (Institute of Axial Flow Machines of the Polish Academy of Sciences)

SUBMITTED: 20Nov61 DATE ACQ: 21Aug63 ENCL: 00

SUB CODE: MD NO REF SOV: 001 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930(

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

PUZYREWSKI, R.; JANKOWSKI, T.; KOZUBOWSKI, R.

Method of analysis of the single stage turbine characteristics with the use of a digital computer. Bul Ac Pol tedh 12 no. 1: 59-67 '64

1. Institute of Fluid Flow Machines, Gdansk, Polish Academy of Sciences. Presented by R. Szewalski.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930

KOZUBOVSKI, Ryshard [Kozubowski, Ryszard]

Selection of the optimum peripheral overlap of high-pressure blades in impulse type steam turbines. Inst masz przep PAN no.14/16:165-184 '63.

1. Instytut Maszyn Przeplywowych, Polska Akademia Nauk, Gdansk.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000825930